

# Public Right of Way Lighting

Larry Ayers, LC  
*Eley Associates*



# Description

- Public Right of Way LPD model standard.
- LPD maximums may vary by four environmental zones.
- LPD may be based on ETAL procedure.
- May consider lighting controls during day and curfew hours.



# Benefit

- Save electric energy and demand.



# Enforcement Mechanism

Model standard:

- May include shielding requirements.
- May include lighting controls (day, pre-curfew and curfew) for environmental zones.
- May place limits on the amount of power that can be used (LPD).



# Performance Verification

- Needed for any lighting controls and luminaire shielding requirements.
- Lighting controls require calibration such that lighting equipment is energized only from dusk to curfew or dawn.
- Selected street, roadway, walkway and bikepath lighting is only energized during designated hours.



# Cost Effectiveness

- Models may develop maximum LPD demonstrated for each environmental zone using IESNA or ETAL procedures.
- Limits on disability and discomfort glare may be assumed for each model.



# Additional Topics

